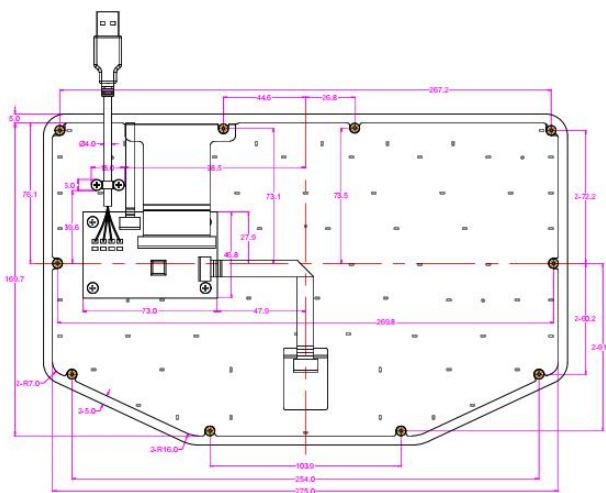
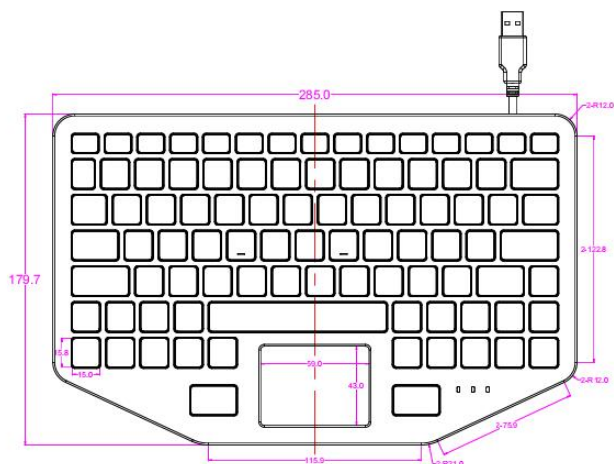


Model NO.: K-TEK-V275TP-FN-BL-SC-DWP

DESCRIPTION: 91 keys IP65 static sealed & ruggedized keyboard, with independent three-proof control board module, with full keyboard functionalities integrated with sealed & ruggedized tough touchpad for fast and accurate cursor position, 12 FN keys are on the top line for easy operation, with the reinforcement of scissors switch technology, 1.20mm key stroke for long life-span with extremely good tactile feeling for fast and accurate data input without any noise, there is no key value missing, no stuck key, no repeated key value output during the keyboard operation. **FN + CLEAN** combination key for easy cleaning via lock/disable the entire keyboard without needing to take the keyboard from PC, and avoid mis-operation during the cleaning process. Adjustable white or red color industrial backlight included to fit dim conditions, built-in top panel mounting version, USB interface, embedded mounted installation, mountable desktop version optional.

DIMENSION: 285.00mm x 179.69mm x 6.00mm (L x W x H)



MECHANICAL DATA	
Keys	91 keys (including 2 mouse buttons)
Key top style	Low profile flat rectangular keys with tactile feeling.
Key Size	15.8mm x 15.8mm for normal keys
Key travel	1.20mm±0.20mm
Actuation Force	1.2N±0.2N (pressure point)
Switch life	more than 5 million of operations
Touch pad	Integrated capacitive multi-touch touchpad for mouse and scroll functionality.
Touchpad cover	Composite
More than Lifetime 10 million strokes	
Mutual capacitance sensing	
X/Y axis location detection resolution	40 Counts /mm
X/Y position report	relative
Output (self-detectable depending on cable)	USB
Tracking speed	Maximum 1,016 m/sec
Power supply voltage	5VDC ± 0.25V
Current rating (active mode)	< 10 mA
G.W.	0.40KGs
ELECTRICAL DATA	
Supply Voltage	DC +5V±5%
Current Rating	50mA when backlight is off, 300mA with backlight on
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years
Switch Contact Material	Professional Scissors membrane switch technology
Interface	USB
Cable length	Standard 2.0m, customized length, coiled cable available
OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, which is no need separate drivers, just plug and play, each keyboard to include the same USB identification string, so that swapping keyboards does not require drivers to reload. Firmware updating is available via using USB cable if technical issues arise with the product that can be fixed in software.
ENVIRONMENTAL ADAPTABILITY	
Operating temperature	-20℃ to +55℃
Storage temperature	-30℃ to +65℃



Operating RH	3%~95%
Atmospheric pressure	60-106Kpa
Saline mist	96 hours, IEC 60512-6
Damp heat test at +40℃	21 days, IEC 60512-6
Dry heat test at +85℃	10 days, IEC 60512-6
RELIABILITY	
RoHS, CE, FCC	
Protection Level	IP65 static
Key Lifespan	>5 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATION	Vehicle, aerospace, naval, defense, maritime, Radar, console, portable rugged laptop, UAV ground station etc.

